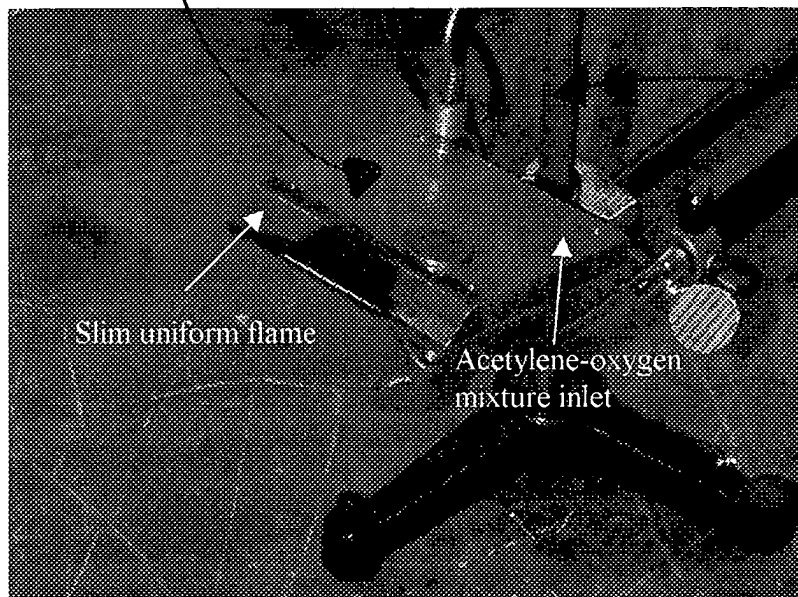


FIGURE 1

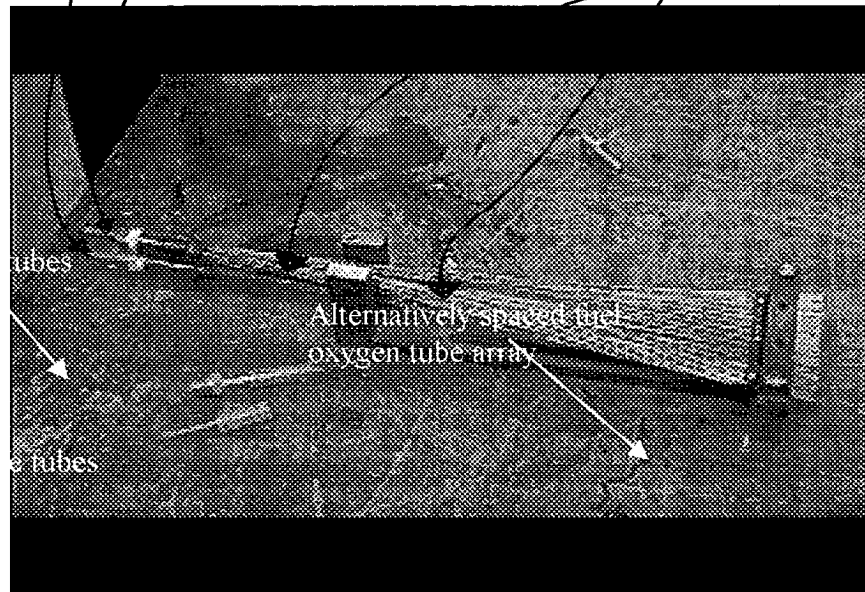


FIGURE 2



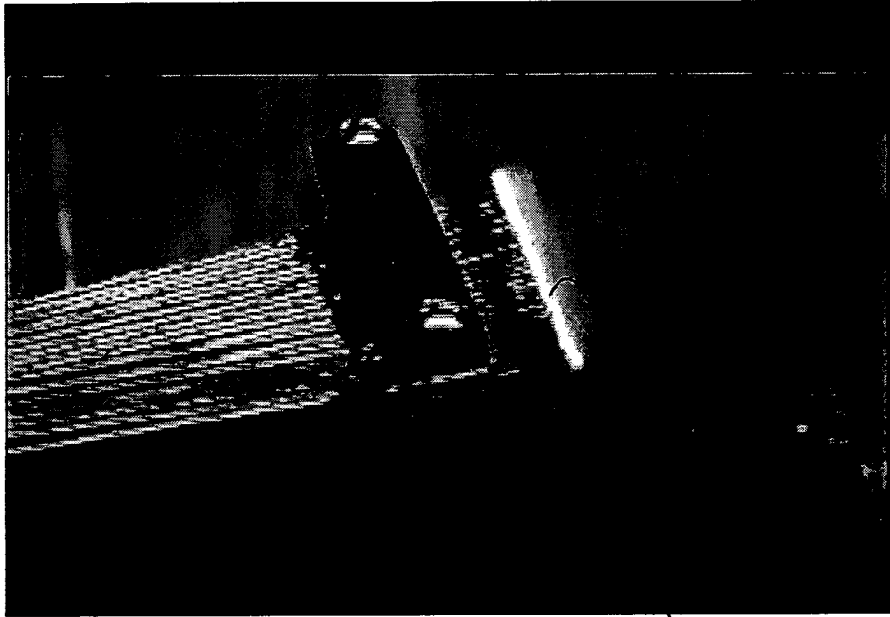
070050.1459

FIGURE 3



40050575.013902

FIGURE 4



41

406943-04603
2003-05-26

FIGURE 5

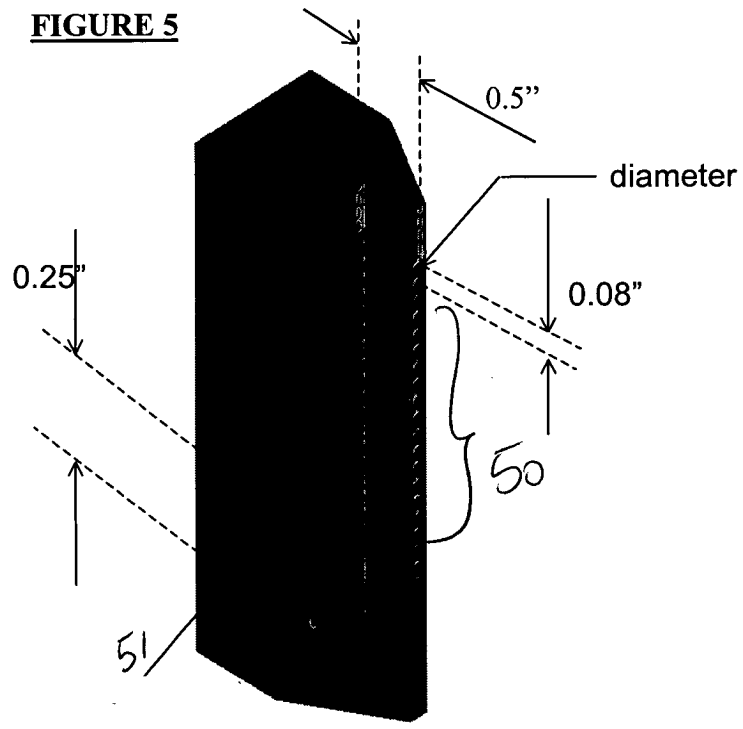


FIGURE 6

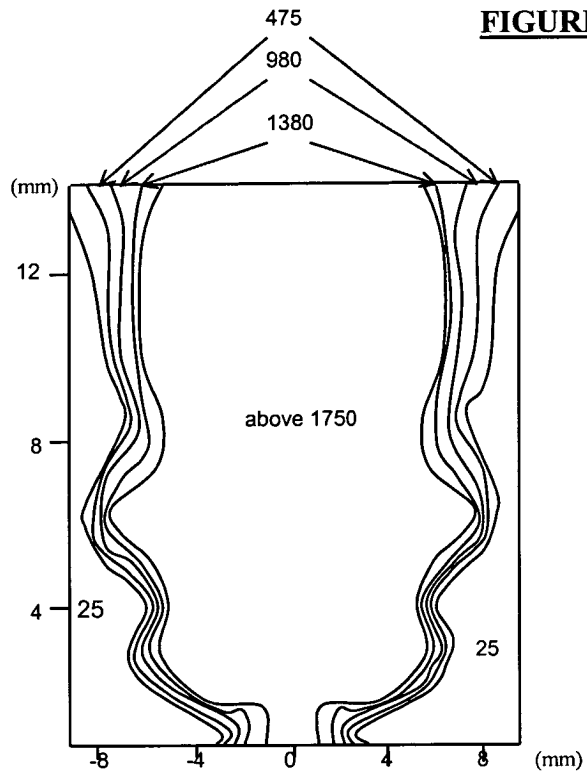


FIGURE 7

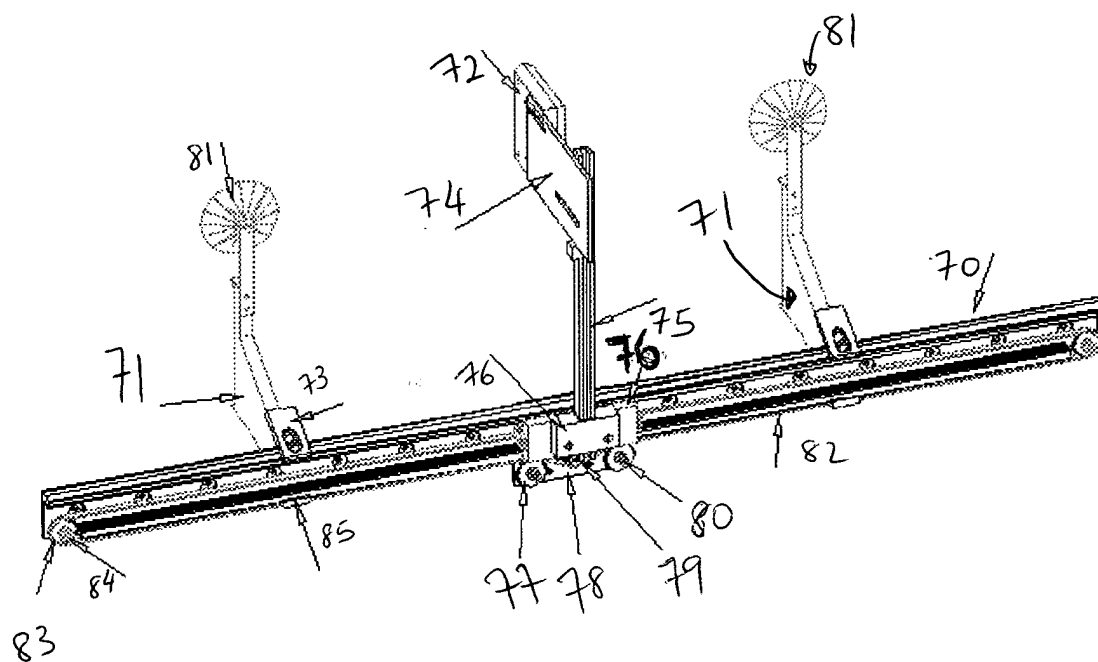
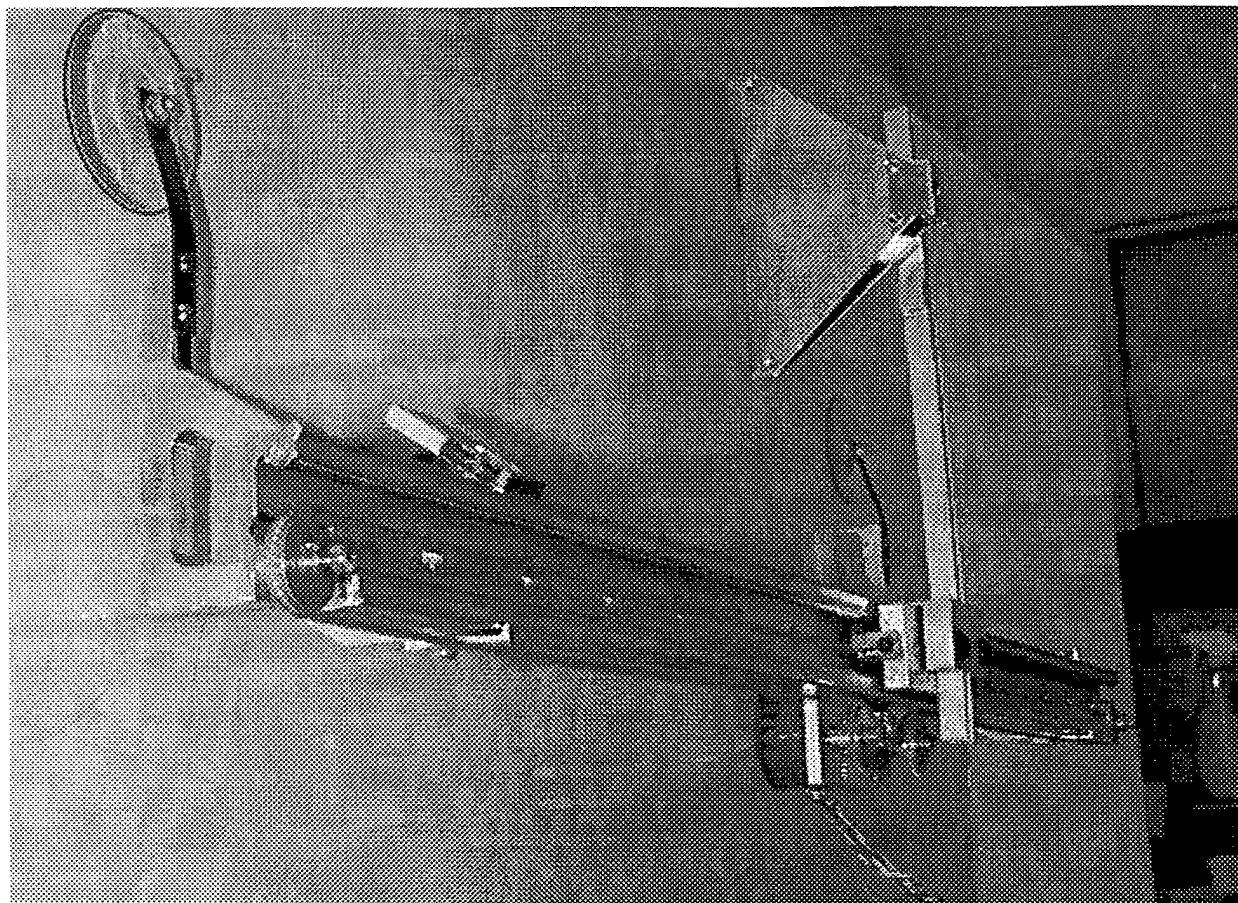


FIGURE 8



2025-05-29 10:50:00

FIGURE 9

PRIOR ART

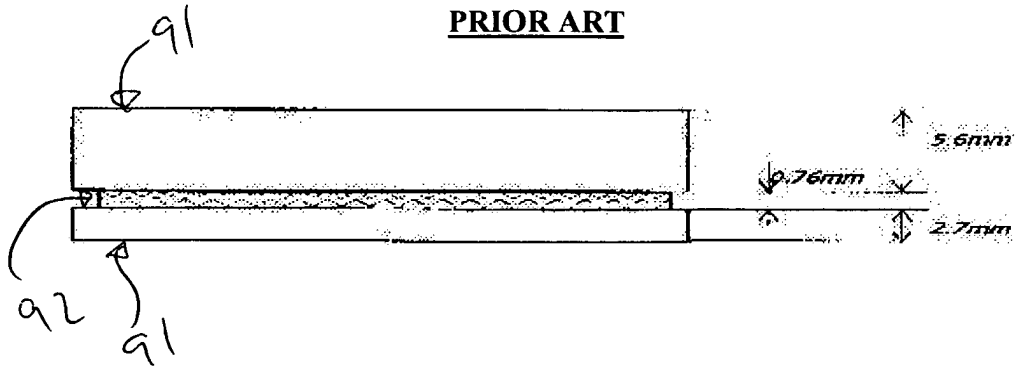
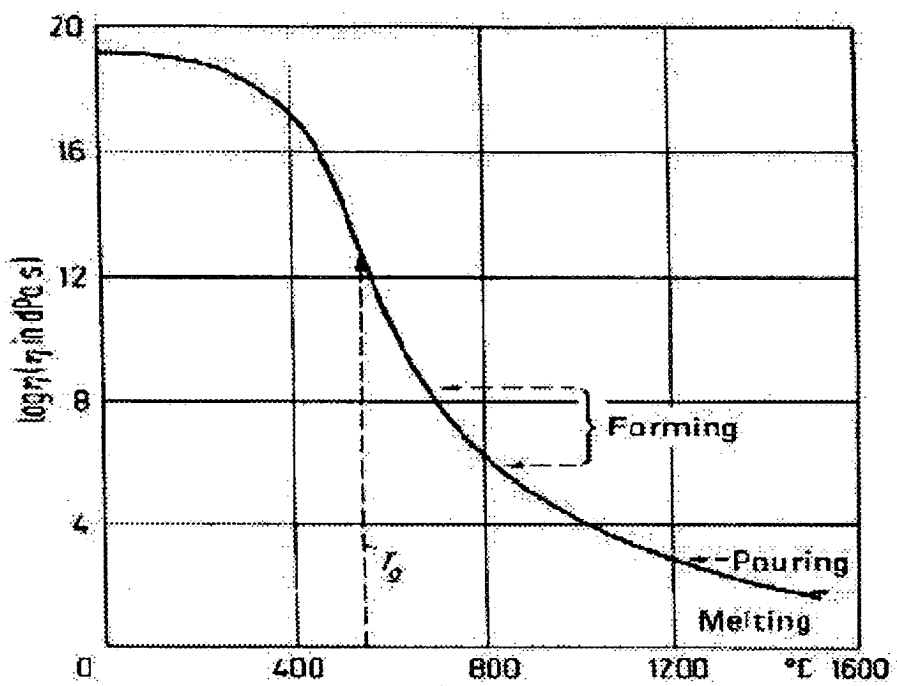
[illegible]

FIGURE 10



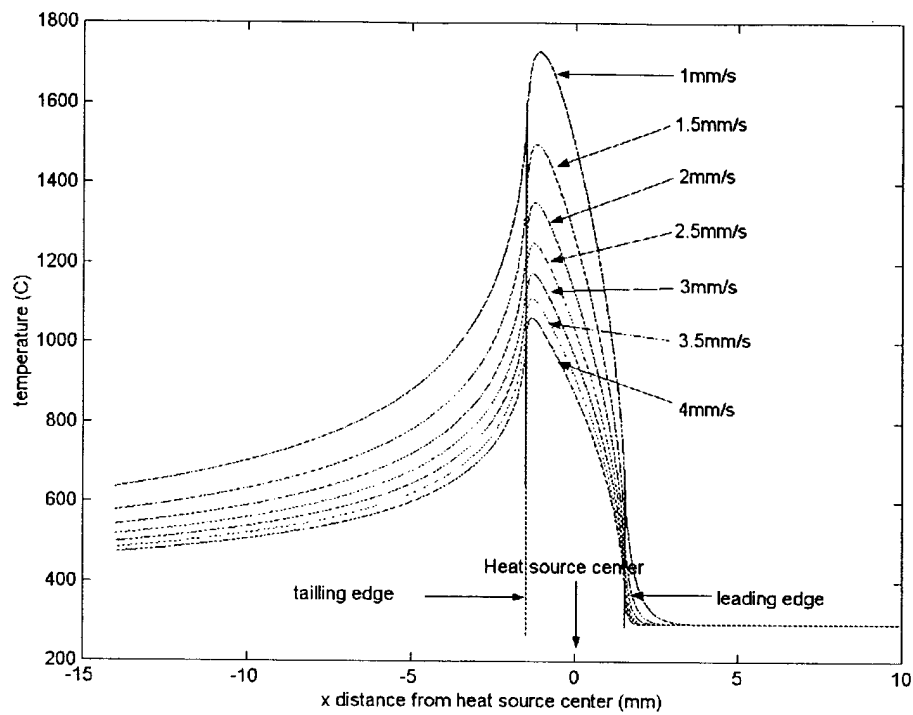


FIGURE 11

FIGURE 12

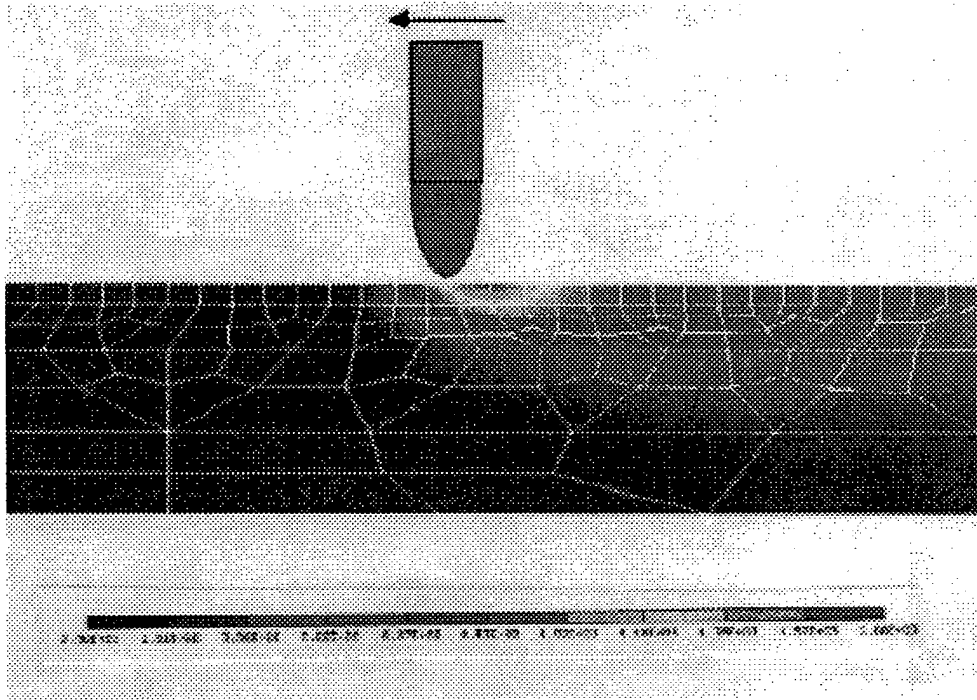
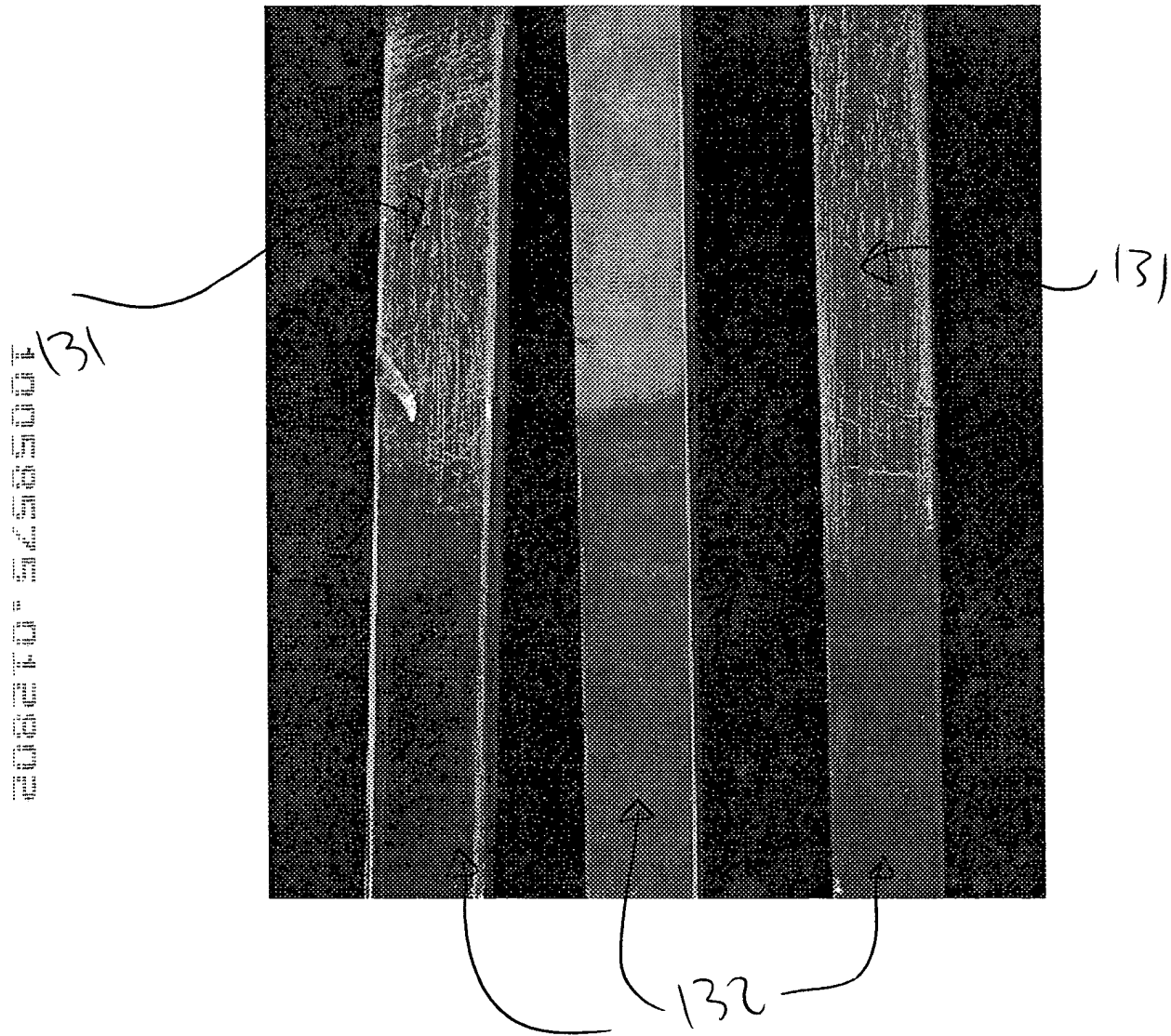
[illegible]

FIGURE 13



REPRESENTATIVE RESULTS OF OPTIMAL,
AND SUB-OPTIMAL, HEAT SOURCE VELOCITY
AND FUEL FLOW RATE COMBINATIONS

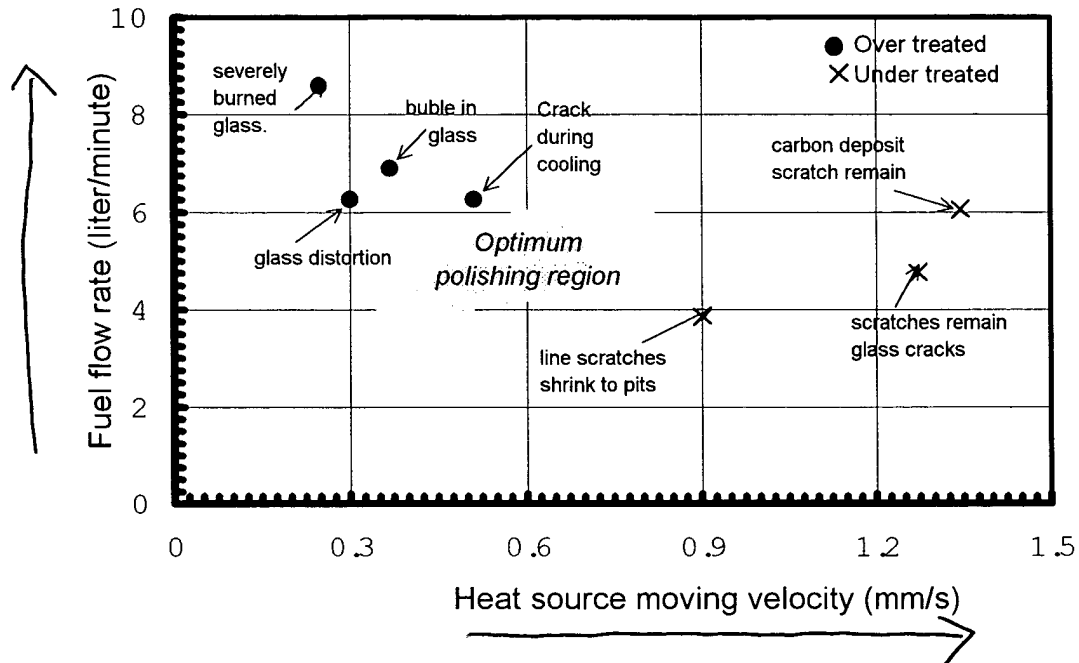


FIGURE 14

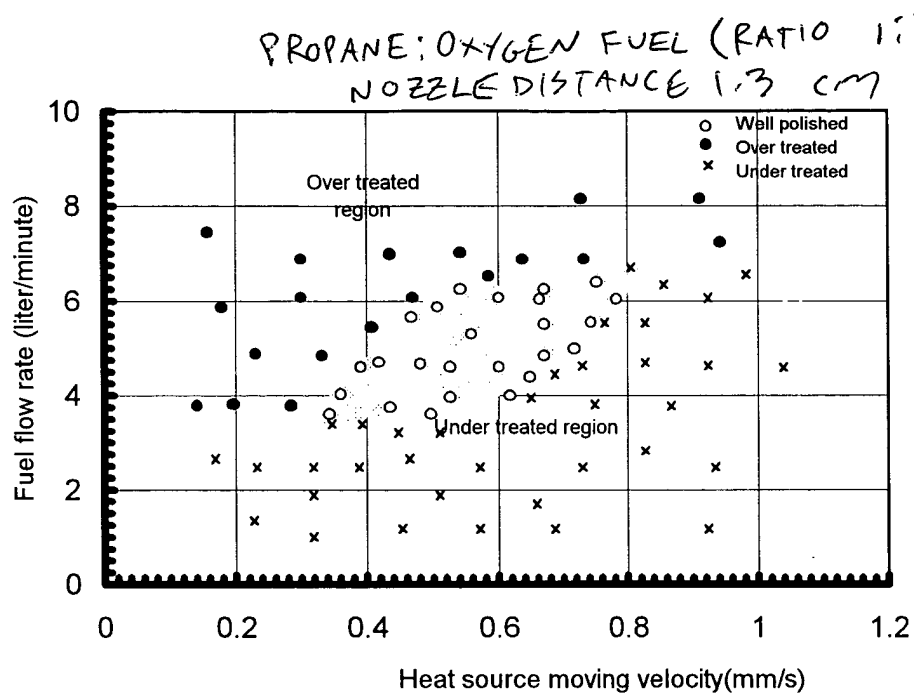


FIGURE 15

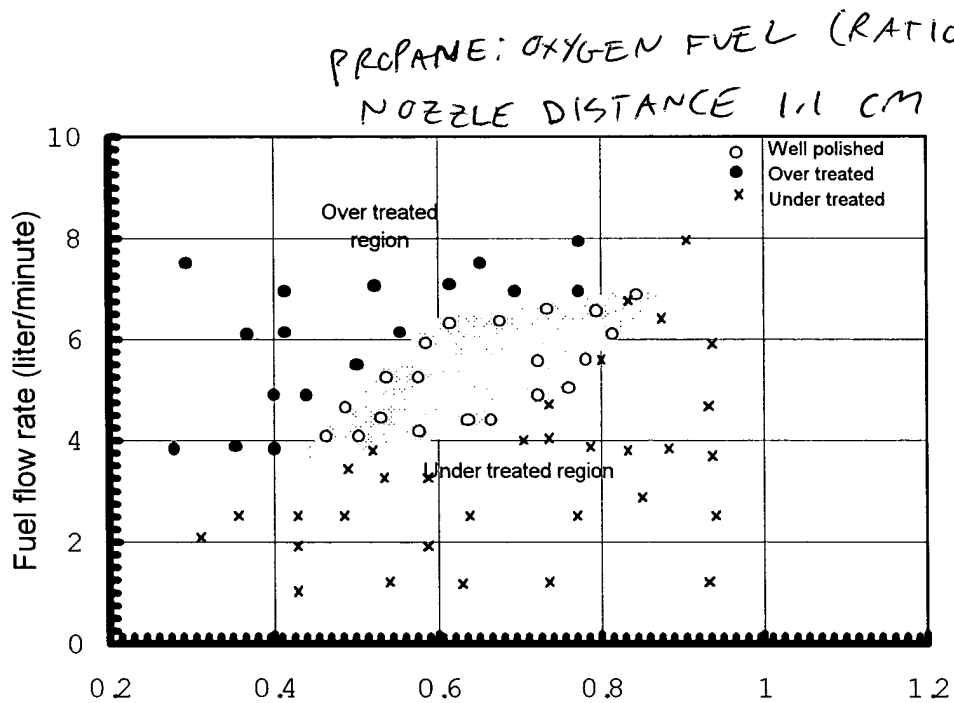


FIGURE 16

PROPANE:OXYGEN FUEL (RATIO 1:3.9)
NOZZLE DISTANCE 110 CM

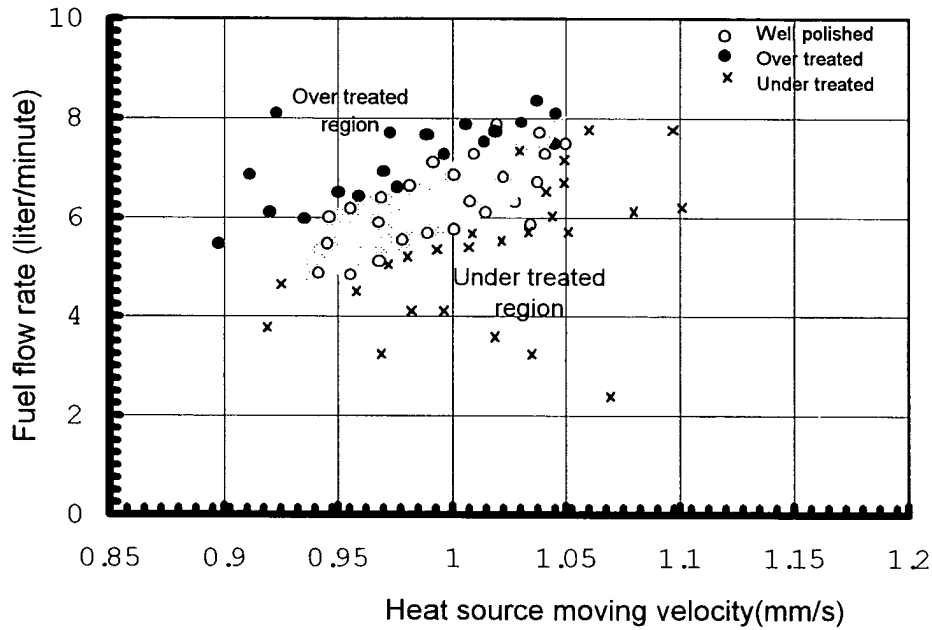


FIGURE 17

PROPANE:OXYGEN FUEL (RATIO 1:3.3)
NOZZLE DISTANCE 0.9 CM

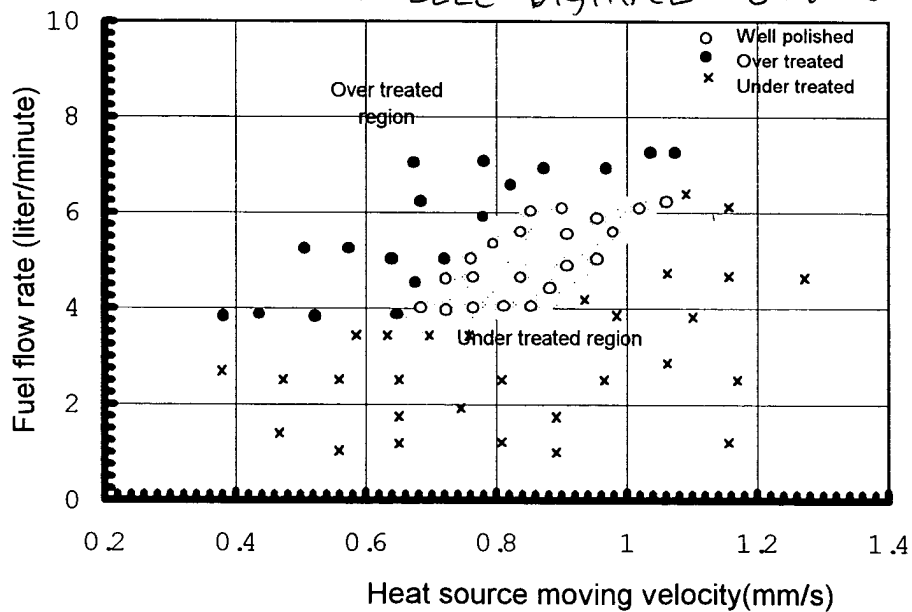


FIGURE 18

ACETYLENE:OXYGEN MIX (RATIO 2) PATENT
 NOZZLE DISTANCE 5.8 CM 070050.1459
 TILT ANGLE 2°

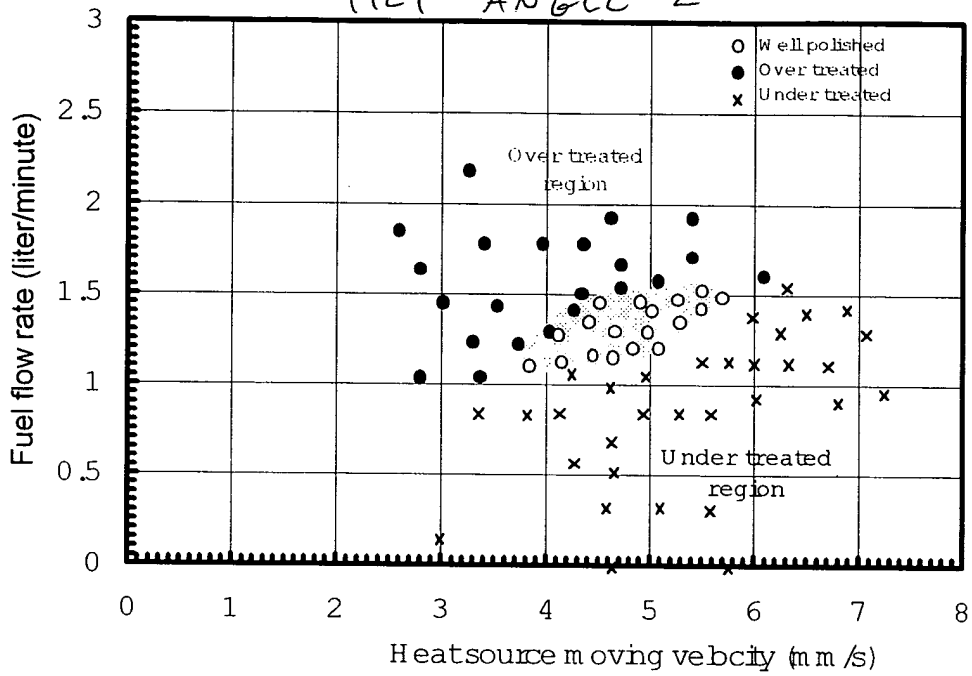


FIGURE 19

ACETYLENE:OXYGEN MIX (RATIO 1:1.2)
 NOZZLE DISTANCE 3.5 CM
 TILT ANGLE 2°

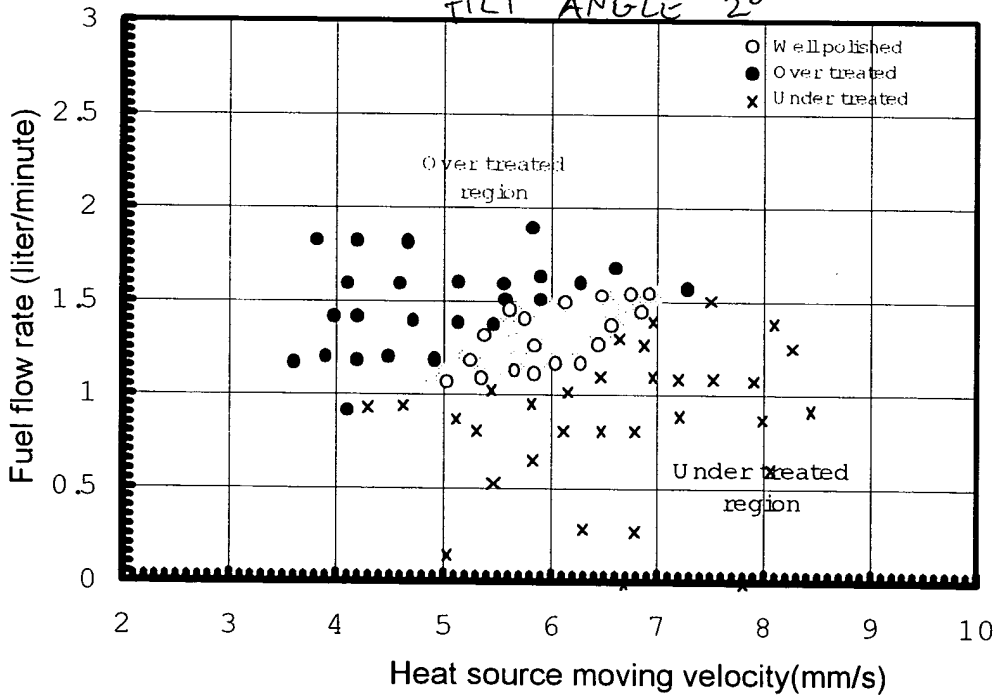


FIGURE 20